

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) An information processing device comprising:

a display device having flat panel displays for right and left eyes mounted on the head of a user;

a controller which transmits a first information to at least one of said flat panel displays to display said first information;

an input operation device connected to said controller; and

a camera provided over said input operation device,

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel displays are capable of displaying a plurality of pieces of information at a time,

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image second information different from said first information is transmitted from a TV tuner to said at least one of said flat panel displays to display said image second information.

2. (Previously Presented) An information processing device comprising:

a display device having flat panel displays for right and left eyes mounted on the head of a user;

a controller which transmits a first information to at least one of said flat panel displays to display said first information;

an input operation device connected to said controller; and

a camera connected to said controller,

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel displays are capable of displaying a plurality of pieces of information at a time, and

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image second information different from said first information is transmitted from a TV tuner to said at least one of said flat panel displays to display said image second information.

3. (Original) A device according to claim 2, wherein the plane of said channel formation regions is oriented substantially in a {110}-direction.

4. (Original) A device according to claim 2, wherein 90% or more of crystal lattices at grain boundaries of said channel formation regions have continuity.

5. (Original) A device according to claim 1, wherein said flat panel displays comprise a display device on which one screen is written at frequencies in the range from 30 Hz to 180 Hz and on which screen display is carried out with the polarity of the voltage applied to the pixel electrodes inverted for each screen.

6. (Original) A device according to claim 1, wherein said flat panel displays comprise a display device which is a liquid crystal display using a liquid crystal material which is antiferroelectric liquid crystals or ferroelectric liquid crystals substantially having no threshold.

7.(Previously Presented) An information processing device comprising:

a display device having flat panel displays for right and left eyes mounted on the head of a user, each of said flat panel displays comprising a pixel thin film transistor and a driver thin film transistor provided over a same substrate, said driver thin film transistor provided in a driving circuit;

a camera provided over said input operation device;

a controller which transmits a first information to at least one of said flat panel displays to display said first information; and

an input operation device connected to said controller,

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel displays are capable of displaying a plurality of pieces of information at a time,

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image second information different from said first information is transmitted from a TV tuner to said at least one of said flat panel displays to display said image second information.

8. (Original) A device according to claim 7, wherein channel formation regions of TFTs connected to pixel electrodes of the flat panel displays of said display device are constituted by a semiconductor thin film formed by a collection of a plurality of bar-shaped or planar bar-shaped crystals formed on an insulating surface.

9. (Original) A device according to claim 8, wherein the plane of said channel formation regions is oriented substantially in a {110}-direction.

10. (Original) A device according to claim 8, wherein 90% or more of crystal lattices at grain boundaries of said channel formation regions have continuity.

11. (Original) A device according to claim 7, wherein said flat panel displays comprise a display device on which one screen is written at frequencies in the range from 30 Hz to 180 Hz and on which screen display is carried out with the polarity of the voltage applied to the pixel electrodes inverted for each screen.

12. (Original) A device according to claim 7, wherein said flat panel displays comprise a display device which is a liquid crystal display using a liquid crystal material which is antiferroelectric liquid crystals or ferroelectric liquid crystals substantially having no threshold.

13. (Previously Presented) An information processing device comprising:
a display device having flat panel displays for right and left eyes mounted on a head of a user;

a controller which transmits a first information to at least one of said flat panel displays to display said first information;

an input operation device connected to said controller; and an image pick-up device provided over said input operation device,

wherein said controller transmits a signal in the form of an electric wave to said display device, wherein said image pick-up device converts at least images of said input operation device and a hand of said user into electrical signals and supplies said electrical signals to said controller and wherein said flat panel displays display a plurality of pieces of information including at least said images of the input operation device and said hand of the user at a time,

wherein said display device, said controller, said input operation device and said image pick-up device are adapted to be used by the same user, and

wherein an image second information different from said first information is transmitted from a TV tuner to said at least one of said flat panel displays to display said image second information.

14. (Original) A device according to claim 13, wherein channel formation regions of TFTs connected to pixel electrodes of the flat panel displays of said display device are constituted by a semiconductor thin film formed by a collection of a plurality of bar-shaped or planar bar-shaped crystals formed on an insulating surface.

15. (Original) A device according to claim 14, wherein the plane of said channel formation regions is oriented substantially in a {110}-direction.

16. (Original) A device according to claim 14, wherein 90% or more of crystal lattices at grain boundaries of said channel formation regions have continuity.

17. (Original) A device according to claim 13, wherein said flat panel displays comprise a display device on which one screen is written at frequencies in the range from 30 Hz to 180 Hz and on which screen display is carried out with the polarity of the voltage applied to the pixel electrodes inverted for each screen.

18. (Original) A device according to claim 13, wherein said flat panel displays comprise a display device which is a liquid crystal display using a liquid crystal material which is antiferroelectric liquid crystals or ferroelectric liquid crystals substantially having no threshold.

19. (Previously Presented) A device according to claim 1 wherein said camera is provided apart from said display device.

20. (Previously Presented) A device according to claim 7 wherein said driving circuit comprises a source-side driving circuit.

21. (Previously Presented) A device according to claim 13 wherein said image pick-up device is provided apart from said display device.

22. (Previously Presented) An information processing device comprising:

a display device having flat panel displays for right and left eyes mounted on the head of a user, each of said flat panel displays comprising a pixel thin film transistor and a driver thin film transistor provided over a same substrate, said driver thin film transistor provided in a driving circuit;

a controller which transmits a first information to at least one of said flat panel displays to display said first information;

an input operation device connected to said controller; and

a camera provided over said input operation device,

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel displays are capable of displaying a plurality of window screens at a time, and

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image second information different from said first information is transmitted from a TV tuner to said at least one of said flat panel displays to display said image second information.

23. (Previously Presented) An information processing device comprising:

a display device having a flat panel display mounted on a head of a user;

a controller which transmits a first information to said flat panel display to display said first information;

an input operation device connected to said controller; and

a camera provided over said input operation device,

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel display is capable of displaying a plurality of pieces of information at a time,

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image second information different from said first information is transmitted from a TV tuner to said flat panel display to display said image second information.

24. (Previously Presented) An information processing device comprising:

a display device having a flat panel display mounted on a head of a user, said flat panel display comprising a pixel thin film transistor and a driver thin film transistor provided over a same substrate, said driver thin film transistor provided in a driving circuit;

a camera provided over said input operation device;

a controller which transmits a first information to said flat panel display to display said first information; and

an input operation device connected to said controller,

wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel display is capable of displaying a plurality of pieces of information at a time,

wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and

wherein an image second information different from said first information is transmitted from a TV tuner to said flat panel display to display said image second information.

25. (Previously Presented) An information processing device comprising:

a display device having a flat panel display mounted on a head of a user;

a controller which transmits a first information to said flat panel display to display said first information;

an input operation device connected to said controller; and an image pick-up device provided over said input operation device,

wherein said controller transmits a signal in the form of an electric wave to said display device, wherein said image pick-up device converts at least images of said input operation device and a hand of said user into electrical signals and supplies said electrical signals to said controller and wherein said flat panel display displays a plurality of pieces of information including at least said images of the input operation device and said hand of the user at a time,

wherein said display device, said controller, said input operation device and said image pick-up device are adapted to be used by the same user, and

wherein an image second information different from said first information is transmitted from a TV tuner to said flat panel display to display said image information.

26. (Previously Presented) An information processing device comprising:

a display device having a flat panel display mounted on a head of a user, said flat panel display comprising a pixel thin film transistor and a driver thin film transistor provided over a same substrate, said driver thin film transistor provided in a driving circuit;

a controller which transmit a first information to said flat panel display to display said first information;

an input operation device connected to said controller; and
a camera provided over said input operation device,
wherein said controller transmits a signal in the form of an electric wave to said display device and wherein said flat panel display is capable of displaying a plurality of window screens,
wherein said display device, said controller, said input operation device and said camera are adapted to be used by the same user, and
wherein an image second information different from said first information is transmitted from a TV tuner to said flat panel display to display said image second information.

27. (Previously Presented) A device according to claim 1, wherein the controller is a computer.

28. (Previously Presented) A device according to claim 2, wherein the controller is a computer.

29. (Previously Presented) A device according to claim 7, wherein the controller is a computer.

30. (Previously Presented) A device according to claim 13, wherein the controller is a computer.

31. (Previously Presented) A device according to claim 22, wherein the controller is a computer.

32. (Previously Presented) A device according to claim 23, wherein the controller is a computer.

33. (Previously Presented) A device according to claim 24, wherein the controller is a computer.

34. (Previously Presented) A device according to claim 25, wherein the controller is a computer.

35. (Previously Presented) A device according to claim 26, wherein the controller is a computer.

36. (New) A device according to claim 1, wherein the camera picks up an image and converts the image into an electrical signal to supply the electrical signal to the controller as one piece of the first information.

37. (New) A device according to claim 2, wherein the camera picks up an image and converts the image into an electrical signal to supply the electrical signal to the controller as one piece of the first information.

38. (New) A device according to claim 7, wherein the camera picks up an image and converts the image into an electrical signal to supply the electrical signal to the controller as one piece of the first information.

39. (New) A device according to claim 22, wherein the camera picks up an image and converts the image into an electrical signal to supply the electrical signal to the controller as one piece of the first information.

40. (New) A device according to claim 23, wherein the camera picks up an image and converts the image into an electrical signal to supply the electrical signal to the controller as one piece of the first information.

41. (New) A device according to claim 24, wherein the camera picks up an image and converts the image into an electrical signal to supply the electrical signal to the controller as one piece of the first information.

42. (New) A device according to claim 26, wherein the camera picks up an image and converts the image into an electrical signal to supply the electrical signal to the controller as one piece of the first information.